

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:  MORIMOTO <i>et al.</i>  Appl. No.: 10/584,837  Intl. Filing Date: December 28, 2004  For: <b>Methods of Identifying Immunoregulatory Agents, Immunoregulatory Agents, and Uses Thereof</b>	Confirmation No. 8525  Art Unit: <i>To Be Assigned</i>  Examiner: <i>To Be Assigned</i>  Atty. Docket: 2144.0150002/RWE/RAS
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**Information Disclosure Statement Under 37 C.F.R. § 1.97(b)**

***Mail Stop Amendment***

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

Listed on accompanying IDS Forms, PTO/SB/08B, are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98.

Copies of documents NPL1 to NPL25 are submitted.

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue. Applicants have listed publication dates on the attached IDS Forms based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may

not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits. No statement or fee is required.

It is respectfully requested that the Examiner initial and return a copy of the enclosed IDS Forms, and indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



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Date: January 11, 2007

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Substitute for form 1449/PTO

*Complete if Known*
**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
*(Use as many sheets as necessary)*

Sheet

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of

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Application Number	10/584,837
Intl. Filing Date	December 28, 2004
First Named Inventor	Chikao MORIMOTO
Art Unit	To Be Assigned
Examiner Name	To Be Assigned
Attorney Docket Number	2144.0150002/RWE/RAS

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Sheet 2 of 3				Attorney Docket Number	2144.0150002/RWE/RAS

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			T <sup>2</sup>
	NPL11	MIZOKAMI, A., et al., "Increased Population of High Fluorescence 1F7 (CD26) Antigen on T cells in Synovial Fluid of Patients with Rheumatoid Arthritis," <i>J. Rheumatol.</i> 23:2022-2026, Journal of Rheumatology Publishing Company (1996)			
	NPL12	MORIMOTO, C., et al., "1F7, A Novel Cell Surface Molecule, Involved in Helper Function of CD4 Cells," <i>J. Immunol.</i> 143:3430-3439, American Association of Immunologists (1989)			
	NPL13	MORIMOTO, C., et al., "The structure and function of CD26 in the T-cell immune response," <i>Immunol. Rev.</i> 161:55-70, Munksgaard (1998)			
	NPL14	NOMURA, R., et al., "Tyrosine-phosphorylated Caveolin-1: Immunolocalization and Molecular Characterization," <i>Mol. Biol. Cell</i> 10:975-986, American Society for Cell Biology (1999)			
	NPL15	OHNUMA, K., et al., "Soluble CD26/Dipeptidyl Peptidase IV Induces T cell Proliferation Through CD86 Up-Regulation on APCs," <i>J. Immunol.</i> 167:6745-6755, American Association of Immunologists (2001)			
	NPL16	OHNUMA, K., et al., "CD26 up-regulates expression of CD86 on antigen-presenting cells by means of caveolin-1," <i>Proc. Natl. Acad. Sci. USA</i> 101:14186-14191, National Academy of Sciences (2004)			
	NPL17	SONG, G., et al., "Selective recruitment of toll like receptor components mediates airway epithelial responses to bacteria," <i>FASEB J.</i> 17:4655, The Federation of American Societies for Experimental Biology, Abstract No. 405.5 (April 2003)			
	NPL18	SUNAGA, N., et al., "RNAi-mediated knockdown of caveolin-1 and c-myc leads to growth inhibition of human tumor cells," <i>Proc. Am. Assoc. Cancer Res.</i> 44:192-193, American Association for Cancer Research (July 2003)			
	NPL19	TANAKA, T., et al., "Cloning and Functional Expression of the T Cell Activation Antigen CD26," <i>J. Immunol.</i> 149:481-486, The American Association of Immunologists (1992)			
	NPL20	TANAKA, T., et al., "The costimulatory activity of the CD26 antigen requires dipeptidyl peptidase IV enzymatic activity," <i>Proc. Natl. Acad. Sci. USA</i> 90:4586-4590, National Academy of Sciences (1993)			

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.96. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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	NPL21	TANAKA, T., <i>et al.</i> , "Enhancement of antigen-induced T-cell proliferation by soluble CD26/dipeptidyl peptidase IV," <i>Proc. Natl. Acad. Sci. USA</i> 91:3082-3086, National Academy of Sciences (1994)			
	NPL22	TORIMOTO, Y., <i>et al.</i> , "Biochemical Characterization of CD26 (Dipeptidyl Peptidase IV): Functional Comparison of Distinct Epitopes Recognized by Various Anti-CD26 Monoclonal Antibodies," <i>Mol. Immunol.</i> 29:183-192, Pergamon Press (1992)			
	NPL23	TRIGATTI, B.L., <i>et al.</i> , "Identification of Caveolin-1 as a Fatty Acid Binding Protein," <i>Biochem. Biophys. Res. Commun.</i> 255:34-39, Academic Press (1999)			
	NPL24	VOLPE, F., <i>et al.</i> , "The IL1 receptor accessory protein is responsible for the recruitment of the interleukin-1 receptor associated kinase to the IL1/IL1 receptor I complex," <i>FEBS Lett.</i> 419:41-44, Elsevier Science B.V. (1997)			
	NPL25	PCT International Search Report for International Application No. PCT/JP2004/019846, European Patent Office, Netherlands, mailed on August 3, 2005			

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Examiner Signature	/Kimberly Chong/	Date Considered	07/01/2008
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